



# **US 40 Corridor Safety Improvement Project**

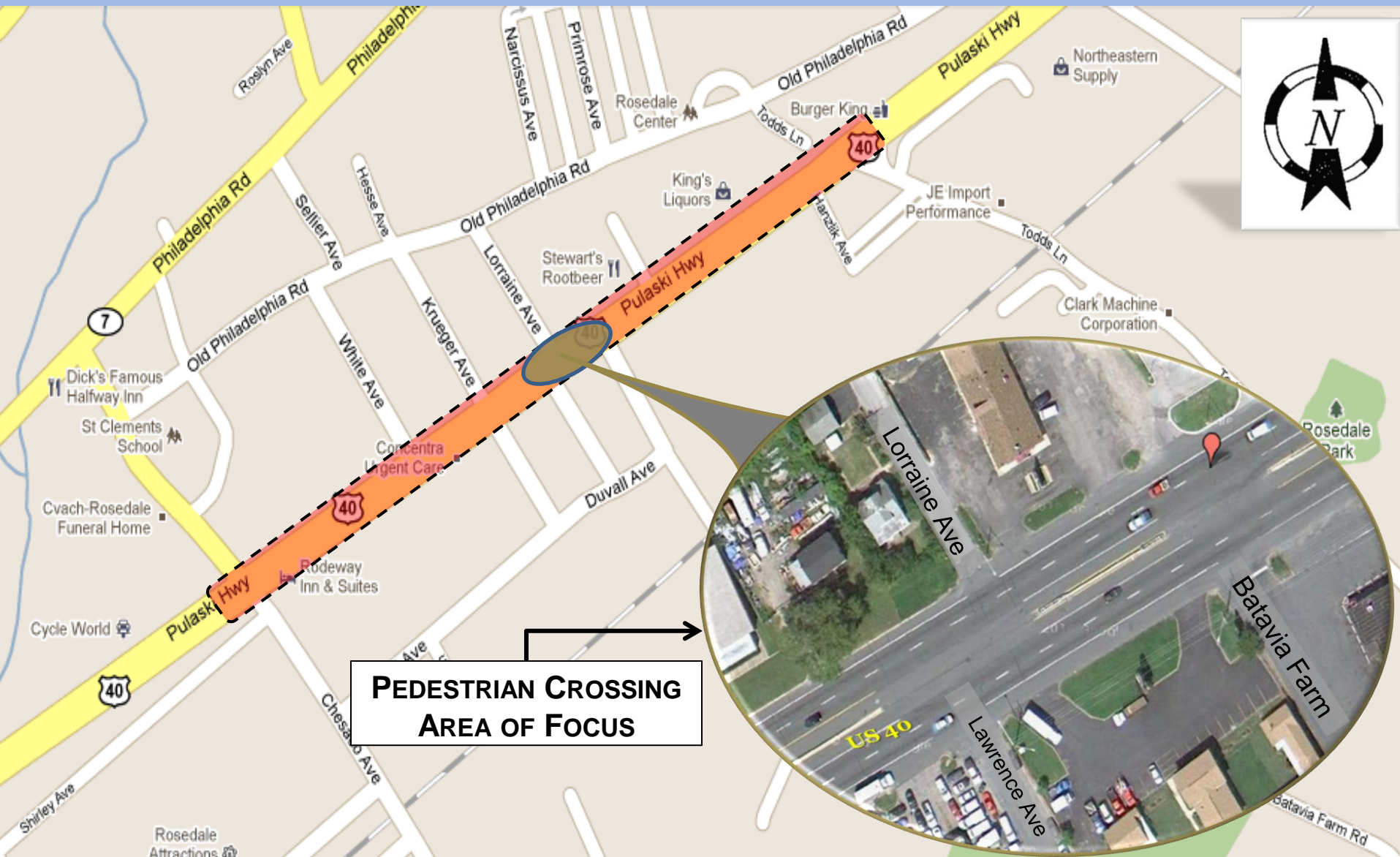
**Chesaco Avenue to Todds Lane**

**October 7, 2013**

**Maryland Department of Transportation – State Highway Administration**



# PROJECT LIMITS





- **US 40 – Chesaco Ave. to Todds Lane**
  - **Urban Principal Arterial**
  - **Significant Adjacent Development**
  - **Large Number of Entrances/Variety of Types**
  - **Heavy Volumes (ADT 2012 – 38,000/ 2032 – 52,000)**
  - **High Crash Rate**
  - **Original Roadway Construction - 1938/1946**
  - **Aging Infrastructure**



- **PRIOR PUBLIC MEETINGS**
  - **May 4, 2011 - Initial Concept Presented**
  - **February 9, 2012 – Revised Concept Presented Based Community Input**



- **High Crash Rates** – Required to Address
- **Aging Infrastructure** – Elements over 60 Years Old
- **Improve Safety** – Minimize/Reduce Conflicts
- **Current Standards** – ADA/Traffic Barrier/Drainage
- **Roadway Rideability** – New Surface Paving



## CRASH DATA

(2005 – June 2013)

Type of Crash	TOTAL
Fatalities	8**
Injury	160*
Number of Injuries	269
Property Damage	184
Total Crashes	353*
Rear End	146*
Sideswipe	37*
Left Turn	24
Angle	46
Pedestrian Related Crashes	23**
U-Turn	16
Parked Vehicles	7
Fixed Objects	46
Truck Related	20

\*Higher than statewide average rate

\*\*Significantly higher than statewide rate



SUMMARY OF FATAL CRASHES

	Total
Pedestrian Fatality	6
Vehicle Occupant Fatality	2
<b>TOTAL</b>	<b>8</b>

Fatality Rate 6½x higher than statewide average  
Pedestrian Rate 3½x higher than statewide average





## CORRIDOR SAFETY IMPROVEMENTS







## CORRIDOR SAFETY IMPROVEMENTS





## PROPOSED IMPROVEMENTS

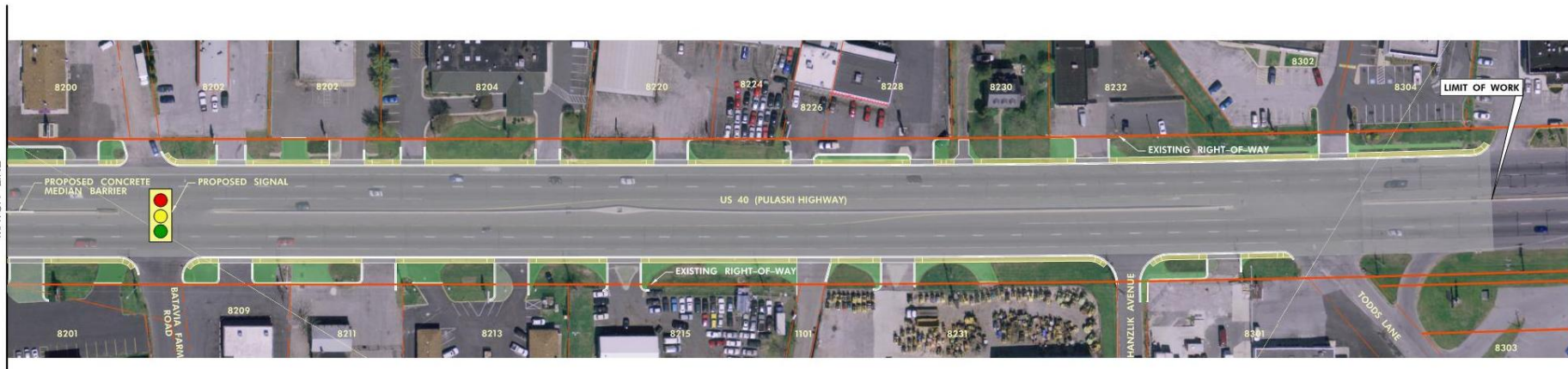
- **Pavement Rehabilitation**
- **Drainage Improvements**
- **New Curb and Gutter**
- **Sidewalk Installed along Both Sides of Roadway**
- **ADA Upgrades**
- **Entrance Reconstruction**
- **Consistent 10 Foot Shoulders Provided**
- **New Traffic Signal at Batavia Farms Road**
- **Median Closure at Lawrence/Lorraine Avenue**
- **Traffic Signal Upgrades at Chesaco Avenue**
- **All Work within SHA Right of Way**
- **Minor Entry agreements may be needed based on final design**



- **Benefits of Entrance Reconstruction**
  - **Defined Entrances/Circulation/Parking**
  - **New Concrete Entrances**
  - **Improved Drainage**
  - **Improved Corridor Appearance**
  - **Reduced Conflicts – Increased Safety**



# PROPOSED IMPROVEMENTS







## EXISTING CONDITIONS







## PROPOSED CONDITIONS





- **General Project Questions**
- **Discussion at Display Boards**
- **Collect and Review Comment Cards**
- **Follow-up Meetings with Individual Property Owners**
  
- **SCHEDULE**
  - **Design** – Currently 75% Complete
  - **Advertise Project** - Spring 2014
  - **Construction Begin** - Summer 2014
  
- **Updated Project Information Available on SHA Website**





## Contact Us

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